FIG.1

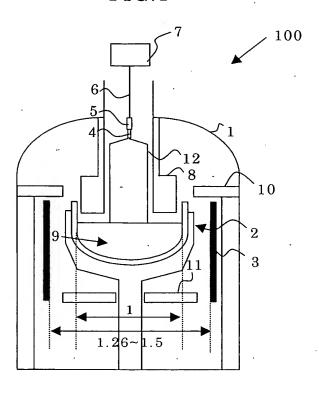


FIG. 2

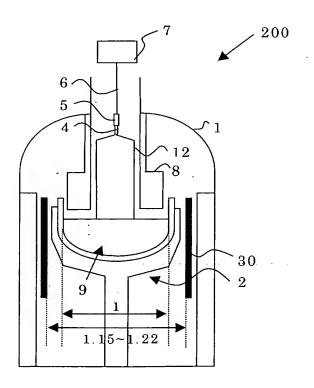


FIG. 3

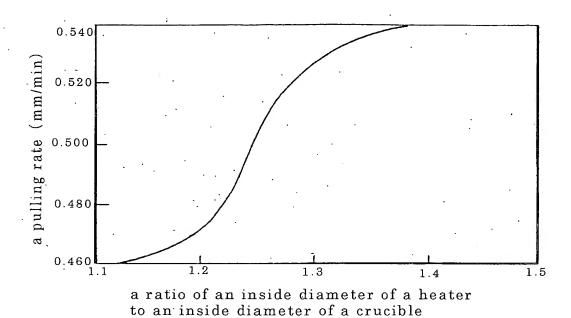
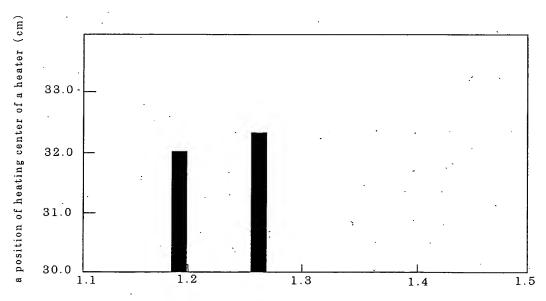
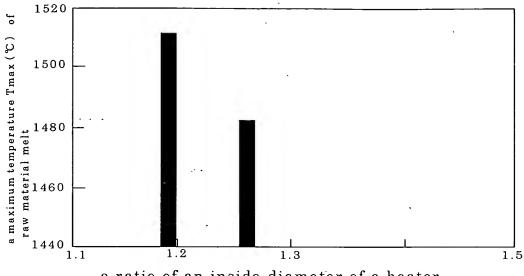


FIG.4



a ratio of an inside diameter of a heater to an inside diameter of a crucible

FIG.5



a ratio of an inside diameter of a heater to an inside diameter of a crucible

FIG.6

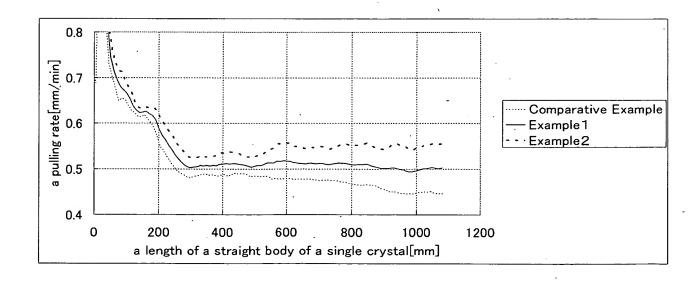


FIG.7

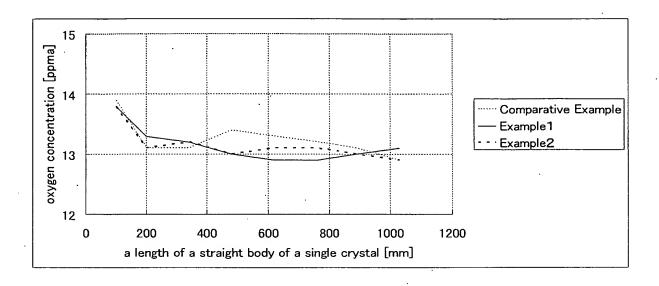
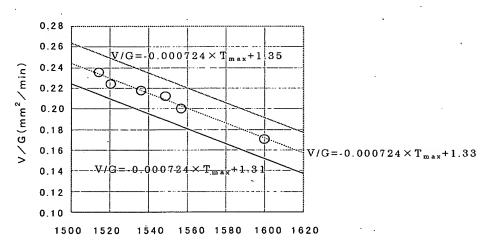


FIG.8



a maximum temperature Tmax (°C) at an interface between a crucible and raw material melt

5/5 FIG.9

